

Application No.: 10/576,588

TFW
MAT-8844US



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appln. No: 10/576,588
Applicant: Kunio Gobara, et al.
Filed: April 21, 2006
Title: COMMUNICATION SYSTEM, INFORMATION PROCESSING
APPARATUS, SERVER, AND COMMUNICATION METHOD
TC/A.U.: To Be Assigned
Examiner: To Be Assigned
Confirmation No.: To Be Assigned
Docket No.: MAT-8844US

**PETITION TO MAKE SPECIAL FOR
NEW APPLICATION UNDER M.P.E.P. § 708.02, VIII**

MAIL STOP PETITION
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Applicant hereby petitions to make this new application, which has not received any examination by the Examiner, special.

If the Office determines that all claims presented are not obviously directed to a single invention, then applicant will make an election without traverse as a prerequisite to the grant of special status.

A search has been by a foreign patent office (copy enclosed).

A copy of the references listed in the search from the foreign patent office has been provided via Information Disclosure Statement.

There is submitted herewith a detailed discussion of the references, which discussion particularly points out how the claimed subject matter is distinguishable over the references.

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130.00 0P

The fee required by 37 C.F.R. 1.17(h) in the amount of \$130.00 is to be paid by credit card as shown on the attached credit card information authorization Form PTO-2038.

Respectfully submitted,

RatnerPrestia


Lawrence E. Ashery, Reg. No. 34,515
Attorney for Applicants

LEA/dmw

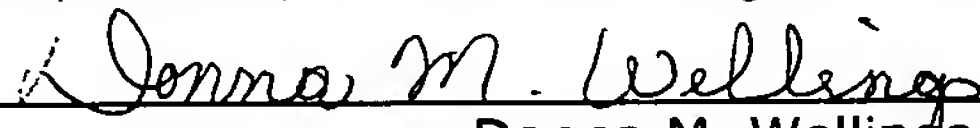
Enclosures: Appendix
Search Report (in the form of an ISR from a foreign office)
PTO-2038

Dated: August 24, 2006

P.O. Box 980
Valley Forge, PA 19482
(610) 407-0700

The Director is hereby authorized to charge or credit Deposit Account No. **18-0350** for any additional fees, or any underpayment or credit for overpayment in connection herewith.

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail, with sufficient postage, in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on August 24, 2006.


Donna M. Wellings

52769

APPENDIX

Each of the references cited in the international search report falls under A category, and relate to the "Teredo" technology which is targeted only at Cone series NAT.

For example, reference 1 from the International Search Report disclose that "a Teredo server transfers a bubble packet which was transmitted from a Teredo client A to a Teredo server as it is, to a Teredo client B" (earlier reference 1: Fig. 11 and descriptive column).

That is, reference 1 is applicable only to a case of using NAT (Cone series NAT) in which one port was allocated to a Teredo client A.

None of the references cited in the International Search Report disclose Applicants' claimed features of:

a bubble packet transmitter for transmitting the bubble packet to the second communication control unit, via the first communication control unit, in accordance with the reference port information,

a detection packet transmitter for transmitting a port detection packet to the server, in order to detect the position of bubble packet transmitting port, a port of the first communication control unit, which is used in transmission of the bubble packet, and

a bubble packet transmitting port detector which receives the port detection packet transmitted from the first information processor for detecting the position of the bubble packet transmitting port ion accordance with the port detection packet.

On the one hand Applicants assume such a case that NAT using a plurality of ports (e.g., Symmetric series NAT), for example, for allocating a port with respect to each transmission destination (Teredo client B) address or each port, as well as Cone series NAT are used. This can carry out transmitting of a bubble packet based on

reference port information, and receiving of a reply packet which was transmitted to a bubble packet transmitting port detected by use of a port detection packet, and can establish communication between the first information processor (Teredo client A) and the second information processor (Teredo client B).

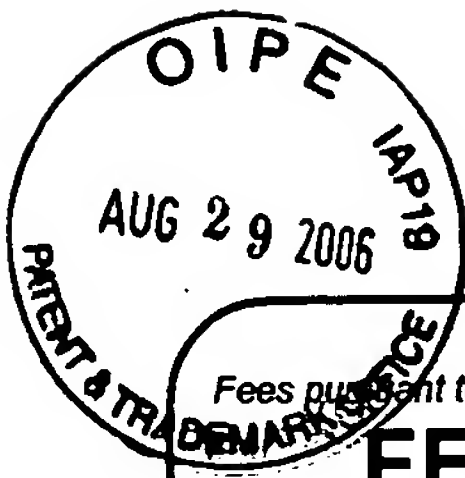
Put another way, in contrast with Applicants' claims 1 and 18 in which a server predicts the position of the bubble packet transmitting port based on the port detection packet, the prior art discloses a server which simply relays the position of the bubble packet transmitting port including the bubble packet sent through the first communication control unit. (in the case of symmetric NAT, this method does not work)

Furthermore, in contrast with Applicants' claim 5 in which a first information processor predicts the position of the bubble packet transmitting port, the prior art discloses a server which simply relays the position of the bubble packet transmitting port, including the bubble packet sent through the first communication control unit.

In contrast with Applicants' claim 9 in which a first information processor sends the port detection packet to be predicted the position of the bubble packet transmitting port, the prior art discloses a first information processor that sends the bubble packet only to be relayed.

In contrast with Applicants' claim 15 in which a second information processor sends the reply packet based on the predicted information which includes the position of the bubble packet transmitting port, the prior art discloses a second information processor that sends the reply packet based on the result of the examination in the relayed packet.

In contrast with Applicants' claim 21 in which a server detects the position of the port from which the port detection packet is transmitted, the prior art discloses a server that simply relays the position of the bubble packet transmitting port including the bubble packet sent through the first communication control unit.



Effective on 12/08/04.

Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).

**FEE TRANSMITTAL
For FY 2006**☐ Applicant claims small entity status. See 37 CFR 1.27**Complete if Known**

Application Number	10/576,588
Filing Date	April 21, 2006
First Named Inventor	Kunio Gobara, et al.
Examiner Name	To Be Assigned
Art Unit	To Be Assigned
Attorney Docket No.	MAT-8844US

TOTAL AMOUNT OF PAYMENT (\$) 130.**METHOD OF PAYMENT** (check all that apply)☐ Check ☒ Credit Card ☐ Money Order ☐ None ☐ Other (please identify): _____☒ Deposit Account Deposit Account Number: 18-0350 Deposit Account Name: RatnerPrestia

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

<input type="checkbox"/> Charge fee(s) indicated below	<input type="checkbox"/> Charge fee(s) indicated below, except for the filing fee
<input checked="" type="checkbox"/> Charge any additional fee(s) or underpayment of fee(s) under 37 CFR 1.16 and 1.17	<input checked="" type="checkbox"/> Credit any overpayments

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.**FEE CALCULATION****1. BASIC FILING, SEARCH, AND EXAMINATION FEES**

Application Type	FILING FEES		SEARCH FEES		EXAMINATION FEES		Fees Paid (\$)
	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	
Utility	300	150	500	250	200	100	_____
Design	200	100	100	50	130	65	_____
Plant	200	100	300	150	160	80	_____
Reissue	300	150	500	250	600	300	_____
Provisional	200	100	0	0	0	0	_____

2. EXCESS CLAIM FEES

Fee Description	Small Entity	
	Fee (\$)	Fee (\$)
Each claim over 20 (including Reissues)	50	25
Each independent claim over 3 (including Reissues)	200	100
Multiple dependent claims	360	180

Total Claims	Extra Claims	Fee (\$)	Fee Paid (\$)	Multiple Dependent Claims	
- 20 or HP =		x	=	Fee (\$)	Fee Paid (\$)

HP = highest number of total claims paid for, if greater than 20

Indep. Claims	Extra Claims	Fee (\$)	Fee Paid (\$)
- 3 or HP =		x	=

HP = highest number of independent claims paid for, if greater than 3

3. APPLICATION SIZE FEE

If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof	Fee (\$)	Fee Paid (\$)
- 100 =		/ 50 =	(round up to a whole number) x	=

4. OTHER FEE(S)

Non-English Specification, \$130 fee (no small entity discount)

Other (e.g., late filing surcharge): Petition to Make Special

Fees Paid (\$)

130

SUBMITTED BY

Complete (if applicable)

Signature	Registration No. Attorney/Agent)	34,515	Telephone	610-407-0700
Name (Print/Type)	Lawrence E. Ashery		Date	August 24, 2006

This collection of information is required by 37 CFR 1.136. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.